



Agriculture Across Michigan

Acreage Summary

Michigan farmers bounced back from a weather beaten 2019 to plant field crops in 2020 that outpaced the 5-year average, even with some replanting necessary due to late frosts and some flooding in May. Michigan corn growers planted 2.30 million acres, up 300,000 from last year and up 50,000 acres from 2018. Harvested acres of corn for grain were set at 1.94 million acres.

Michigan soybean growers planted 2.30 million acres, up 540,000 acres from last year. Growers expect to harvest 2.29 million acres of soybeans in 2020.

Winter wheat growers planted 530,000 acres in Michigan, down 10,000 acres from 2019. Harvested acres of winter wheat for grain are anticipated to be 480,000 acres, unchanged from last year.

Acres by Crop – Michigan and United States: 2018 - 2020

Commodity	Michigan			United States		
	2018	2019	2020	2018	2019	2020
Beans, dry ¹						
Planted 1,000 acres	195.0	185.0	220.0	2,094.5	1,287.4	1,588.0
Harvested 1,000 acres	193.0	180.0	217.0	2,028.2	1,176.5	1,533.0
Corn, all						
Planted 1,000 acres	2,250	2,000	2,300	88,871	89,700	92,006
Corn, grain						
Harvested 1,000 acres	1,890	1,610	1,940	81,276	81,322	84,023
Hay, alfalfa						
Harvested 1,000 acres	590	550	550	16,608	16,743	16,352
Hay, other						
Harvested 1,000 acres	220	230	230	36,231	35,682	36,029
Oats						
Planted 1,000 acres	75	70	70	2,746	2,810	3,134
Harvested 1,000 acres	50	25	35	865	826	998
Soybeans						
Planted 1,000 acres	2,330	1,760	2,300	89,167	76,100	83,825
Harvested 1,000 acres	2,310	1,720	2,290	87,594	74,951	83,020
Sugarbeets						
Planted 1,000 acres	150.0	146.0	154.0	1,113.1	1,132.0	1,147.9
Harvested 1,000 acres	148.0	145.0	152.0	1,096.4	979.3	1,126.8
Wheat, winter						
Planted 1,000 acres	510	540	530	32,542	31,159	30,550
Harvested 1,000 acres	470	480	480	24,742	24,327	23,439

¹ Beginning in 2019, chickpeas are excluded.

July 1 Small Grains Forecast

Michigan's 2020 winter wheat production is forecast at 38.4 million bushels. This report is based on conditions as of July 1, 2020. Some highlights of the Crop Production Report follow:

The Michigan winter wheat yield is forecast at 80 bushels per acre, down 1 bushel from the previous month but up 9 bushels from last year. As of June 28, four percent of the crop was mature, 20 points below the 5-year average.

Generally, the crop was in very good shape with 62 percent of the crop rated good to excellent compared with 44 percent at the same time last year.

Oat yield in Michigan is forecast at 60 bushels per acre, up 3 bushels from last year. As of June 28, eighty-one percent of the crop was rated good to excellent, compared with 60 percent last year. The crop was 37 percent headed on June 28, eighteen points below the 5-year average.

May Agricultural Prices

Prices received by Michigan farmers for the full month of May 2020 are listed in the table below. Some Michigan highlights were: May corn, at \$3.50 per bushel, increased \$0.08 from April but decreased \$0.20 from last year; May

wheat, at \$5.55 per bushel, decreased \$0.30 from April but increased \$0.62 from last year; May milk, at \$12.10 per cwt., decreased \$0.90 from last month and decreased \$4.70 from last year.

Prices Received by Farmers¹ - Michigan and United States: May 2020 with Comparisons

Commodity	Michigan			United States		
	May 2019	Apr 2020	May 2020	May 2019	Apr 2020	May 2020
Beans, dry edible dollars/cwt	30.90	(D)	(D)	24.80	37.20	34.50
Corn dollars/bu	3.70	3.42	3.50	3.63	3.29	3.20
Hay, alfalfa dollars/ton	195.00	170.00	165.00	204.00	181.00	179.00
Hay, other dollars/ton	150.00	110.00	110.00	152.00	124.00	131.00
Oats dollars/bu	3.75	4.06	(D)	3.11	3.10	3.10
Soybeans dollars/bu	8.08	(D)	8.59	8.02	8.35	8.28
Wheat, winter dollars/bu	4.93	5.85	5.55	4.74	4.88	4.84
Milk, all dollars/cwt	16.80	13.00	12.10	18.00	14.40	13.60

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

Biotechnology Varieties

The vast majority of corn and soybeans planted in Michigan continue to be varieties containing genetic modification. Biotechnology varieties accounted for 89 percent of the corn acres planted in Michigan, unchanged from last year. Soybean plantings included 91 percent biotechnology varieties, down 1 percentage point from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, unchanged from 2019. Soybean acreage planted to biotech varieties was also unchanged at 94 percent.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

June 1 Grain Stocks

On June 1, 2020, Michigan corn stocks totaled 100 million bushels, 2 percent higher than a year earlier. About 58 percent of the corn was stored on farms. The third quarter disappearance was 32.7 million bushels, compared with 77.5 million bushels a year earlier. Soybean stocks on June 1, 2020, were 40.1 million bushels. That was 9 percent lower than stocks a year earlier. The third quarter indicated disappearance was 13.7 million bushels. Farm stocks of soybeans were 15.0 million bushels. Wheat stocks on June 1, 2020, were 22.3 million bushels, 28 percent below a year ago. Approximately 98 percent of wheat stocks were in commercial storage. Fourth quarter indicated disappearance was 8.91 million bushels, 14 percent of supply.

Chickens and Eggs

All layers in Michigan totaled 14.2 million during May, down 10 percent from a year ago. Egg production totaled 359 million eggs, down 9 percent from last year. The rate of lay during May was 2,538 eggs per 100 layers. All layers in

the U.S. totaled 386.1 million during May, down 4 percent from a year ago. There were 21.4 million turkey poults hatched in the U.S. in May, down 9 percent from the previous year.

Egg and Hatchery Production - Michigan and United States: May 2019 and 2020

Item	2019	2020	Percent Change
Michigan			
All layersthousand	15,767	14,159	-10
Eggs per hundred layers number	2,491	2,538	2
Eggs produced million	393	359	-9
U.S.			
All Layersthousand	400,109	386,052	-4
Eggs per hundred layers number	2,404	2,357	-2
Eggs produced million	9,618	9,098	-5
Turkey Eggs in incubators, Jun 1thousand	27,989	26,873	-4
Turkey Poults hatched, Maythousand	23,598	21,413	-9

June Hogs and Pigs

Michigan's total hog and pig inventory on June 1 was estimated at 1.19 million head, down 60,000 head from a year ago. Breeding hog inventory, at 120,000 head, remained unchanged from last June. Market hog inventory, at 1.07 million head, was down 5 percent from last year. The average pigs saved per litter for the March to May quarter was 10.60, compared to 11.00 from the same period last year.

United States inventory of all hogs and pigs on June 1, 2020 was 79.6 million head. This was up 5 percent from June 1, 2019, and up 3 percent from March 1, 2020. Breeding inventory, at 6.33 million head, was down 1 percent from last year, and down 1 percent from the previous quarter. Market hog inventory, at 73.3 million head, was up 6 percent from last year, and up 3 percent from last quarter.

Hog Inventory and Farrowings – Michigan and United States: June 1, 2019 and 2020

Hogs and pigs	Michigan			United States		
	2019	2020	Change	2019	2020	Change
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Breeding	120	120	0	6,410	6,326	-1
Market	1,130	1,070	-5	69,316	73,308	6
Under 50 pounds	320	310	-3	22,210	22,160	0
50-119 pounds	320	300	-6	19,693	20,370	3
120-179 pounds	230	220	-4	14,396	16,090	12
180+ pounds	260	240	-8	13,017	14,687	13
Total	1,250	1,190	-5	75,725	79,634	5
Sows farrowed, Mar-May	54	54	0	3,133	3,172	1
Pigs per litter, Mar-May	11.00	10.60	-4	11.00	11.01	0
Pig crop, Mar-May	594	572	-4	34,454	34,933	1
Sows farrowing, Jun-Aug ¹	55	56	2	3,275	3,123	-5
Sows farrowing, Sep-Nov ¹	56	53	-5	3,265	3,090	-5

¹ Intentions for 2020.

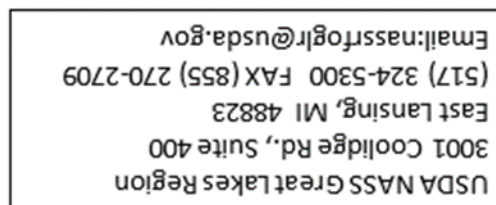
May Milk Production

Dairy herds in Michigan produced 995 million pounds of milk during May, down 0.4 percent from a year ago. Production per cow in Michigan averaged 2,325 pounds for May, 25 pounds below May 2019. The dairy herd was estimated at 428,000 head for May, up 3,000 head from a year earlier. The average price of milk sold in May by Michigan dairy producers was \$12.10 per cwt., \$4.70 less than the price in May 2019.

Milk Cows, Production, and Price – Michigan: May 2018-2020

Item	2018	2019	2020
Cows 1,000 hd	423	425	428
Milk per cow lb/day	75.2	75.8	75.0
Production mil lbs	986	999	995
Milk price, all dol/cwt	14.80	16.80	12.10
Fat test pct	3.78	3.77	3.78
Protein ¹ pct	3.23	3.10	3.13

¹ FMO 33



Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!